E. P. SMITH.

CLOTHES PIN HOLDER.

APPLICATION FILED OCT. 7, 1915.

1,183,500. Patented May 16, 1916.

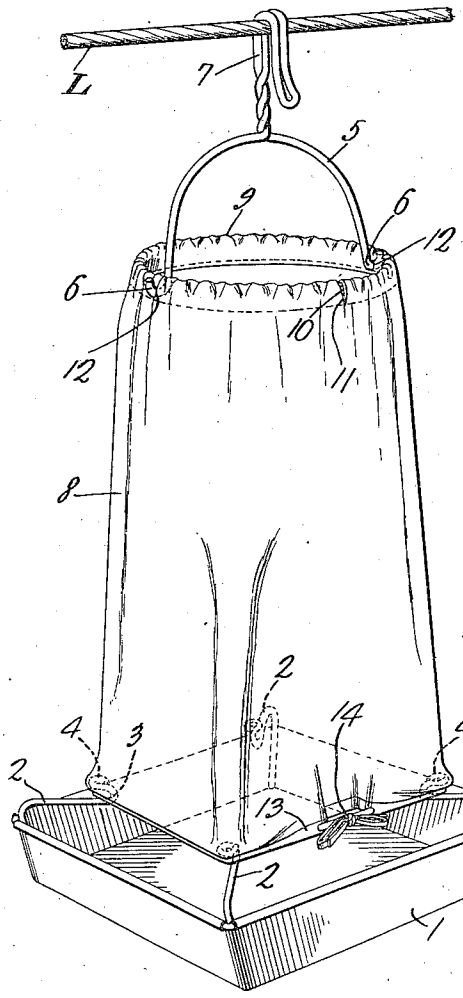


Fig. 1.

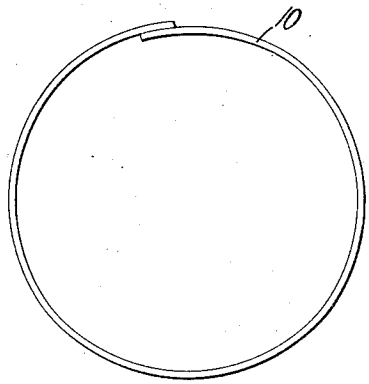


Fig. 4.

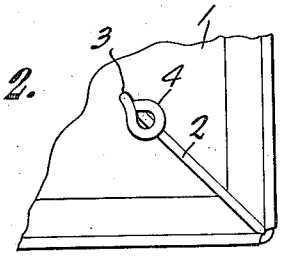


Fig. 2.

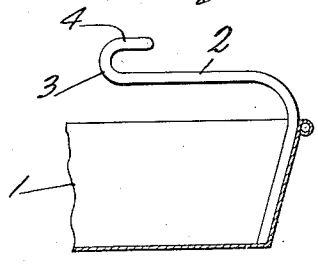


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

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CLOTHES-PIN HOLDER.

1,183,500. Specification of Letters Patent. Patented May 16, 1916.

Application filed October 7, 1915. Serial No. 54,606.

To all whom it may concern:

Be it known that I, EDWARD P. SMITH, a citizen of the United States, residing at Pittston, in the county of Luzerne and State of Pennsylvania, have invented a new and useful Clothes-Pin Holder, of which the following is a specification.

This invention relates to a holder for clothes-pins, one of the objects of the invention being to provide a simple form of device of this character adapted to be suspended from a clothes-line and to be moved along the line close to the laundress hanging or removing the clothes, so as thus to be in a position where the pins can be readily removed from or placed in the holder.

A further object is to provide a holder which will automatically dispose the pins in such positions as to be readily accessible for the purpose of removing them.

Another object is to provide a holder of this character the parts of which are cheap to manufacture, can be readily assembled and disconnected, and which can be stored in a small space, when not in use.

Another object is to provide a holder utilizing a fabric chute for the pins, it being possible to disconnect this fabric from the metal portions of the device so that the fabric can be easily cleaned when desired.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, can be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a perspective view of the holder in position on a line. Fig. 2 is a plan view of one corner portion of the tray. Fig. 3 is a section through one corner portion of the tray and showing one of the arms in elevation. Fig. 4 is a detail view of the top ring.

Referring to the figures by characters of reference 1 designates a tray preferably rectangular and formed of sheet metal, this tray being provided with arms 2 extending inwardly preferably from the corners thereof. These arms may be made of wire as shown and the free ends of the wires are crooked as at 3 and terminate in eyes 4 which constitute broad engaging means as hereinafter pointed out. A suspending yoke preferably formed of wire has been shown at 5 and has terminal hooks 6 and an intermediate supporting hook 7, this intermediate supporting hook being adapted to engage a clothes-line L as shown in Fig. 1 and to slide freely therealong.

The chute of the holder is preferably formed of a tube 8 of canvas or other suitable fabric, this tube being provided at its upper end with a hem 9 in which is arranged a ring 10 of wire or the like, this ring being split and having its ends preferably lapped as shown in Fig. 4. A slit 11 is formed in the hem and the ring is insertible into and removable from the hem through this slit. Openings 12 are provided in the upper end portion of the chute 8 at diametrically opposed points for the reception of the hooks 6 which, when inserted in the tube will extend under the ring 10 and engage it, thus to support all portions of the tube or chute 8. Another hem 13 is formed in the lower portion of the tube or chute 8 and contains a drawing-string 14.

In assembling the parts of the holder, one end of the ring 10 is inserted into the hem 9 through slit 11 and said ring is then threaded into the hem until it is completely housed therein. Hooks 6 are then inserted into the openings 12 so as to extend under diametrically opposed portions of the ring 10. The yoke 5 and supporting hook 7 will be connected to the tube or chute 8. The lower end of the chute 8 is then placed in engagement with the eyes 4 on arms 2 and by drawing the string 14 taut and tying it, the lower edge portion of the chute will be drawn inwardly under the eyes 4 so as thus to securely attach the chute 8 to the arms 2 and the tray 1. The chute or tube 8 is then partly or entirely filled with clothes-pins and the lowermost pins will move to positions against the walls of the tray 1 where they can be readily reached by inserting the fingers into the spaces between the sides of the tray and the sides of the chute or tube 8. As the pins are removed from the tray, other pins will gravitate to position in the tray. Thus pins will always be readily accessible. By hanging the holder from the line on which clothes are being placed, the pins can be reached con-

veniently without the necessity of bending over, as where a basket of pins is placed on the ground. Furthermore the holder can be slid along the line and can thus always be in convenient reach of the laundress.

When it is desired to clean the holder, it is merely necessary to untie the string 14 to release the chute or tube 8 from the arms 2, to then remove the hooks 6 from the openings 12, and to finally withdraw the split ring from the hem 9. The fabric tube or chute can then be washed.

When the device is not in use it can be collapsed into a small compass and can be conveniently stored. The eyes 4 provide broad bearing surfaces for those portions of the chute or tube 8 engaging them, so that there is no danger of the eyes pressing through the fabric or otherwise injuring it.

What is claimed is:—

1. A holder of the class described including a tray, a flexible chute extending upwardly and detachable therefrom, there being an open space between the tray and the bottom of the chute, and means for suspending the chute from a support.

2. A holder of the class described including a tray, a flexible chute detachably connected thereto and extending upwardly therefrom, there being a space between the bottom of the chute and the sides of the tray, means for holding the upper end of the chute distended, and support engaging means connected to the upper end of the chute.

3. A holder of the class described including a tray, a chute detachably connected thereto and spaced therefrom, said chute extending upwardly from the tray, means for holding the upper end of the chute distended, support engaging means, and a connection between the support engaging means and the chute.

4. A holder of the class described including a tray, inwardly extending arms thereon, a flexible chute detachably connected to the arms and extending upwardly therefrom, and means at the upper end of the chute for slidably and detachably engaging a support.

5. A holder of the class described including a tray, inwardly extending arms thereon, a flexible chute detachably connected to the arms and extending upwardly therefrom, distending means engaging the upper end of the chute, and means detachably connected to the chute for slidably and detachably engaging a support.

6. A holder of the class described including a tray, inwardly extending arms thereon, said arms having crooked inner end portions having broadened terminals, a flexible chute detachably engaging the crooked ends of the arms and spaced from the tray, a distending ring detachably mounted in the chute, and means connected to the chute for slidably and detachably engaging a support.

7. A holder of the class described including a tray, inwardly extending arms thereon, said arms having crooked inner end portions having broadened terminals, a flexible chute detachably engaging the crooked ends of the arms and spaced from the tray, a distending ring detachably mounted in the chute, and means detachably engaging the chute and distending means for engagement with a support.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

EDWARD P. SMITH.

Witnesses:
CHAS. H. HALL,
RAY B. LOVELL.